

AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV -- AMCO PETERSON 1 --  
3439-00-260-1267

===== Product Identification =====

Product ID:AMCO PETERSON 1

MSDS Date:04/15/1991

FSC:3439

NIIN:00-260-1267

MSDS Number: BKCHN

=== Responsible Party ===

Company Name:AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV

Address:INDUSTRIAL BLVD

City:PAOLI

State:PA

ZIP:19301

Country:US

Emergency Phone Num:215-64

7-3575/CHEMTREC 800-424-9300

CAGE:70540

=== Contractor Identification ===

Company Name:AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV

Address:28 INDUSTRIAL BLVD

Box:City:PAOLI

State:PA

ZIP:19301

Country:US

Phone:800-424-9300

CAGE:70540

===== Composition/Information on Ingredients =====

Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 (MFR)

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #:VZ2275000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3; 9192

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYE:MILD IRRITATION.SKIN:MILD DERMATITIS/IRRITATION.INHALATION:RESPIRATORY TRACT IRRITATION,SNEEZING & COUGHING.INGESTION:NAUSEA,VOMITING & DIARRHEA.

CHRONIC-COUGHING,CNS EFFECTS,ERYTHEMA & NAUSE A.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure:EXISTING EYE, SKIN AND LUNG DISORDERS WILL BE AGGRAVATED.

===== First Aid Measures =====

First Aid:GET MEDICAL CARE IF NEEDED.EYES:FLUSH THOROUGHLY WITH PLENTY OF WATER FOR 15 MINUTES.SKIN:WASH THOROUGHLY WITH SOAP & WATER.INHALATION:REMOVE TO FRESH AIR.INGESTION:CALL A DOCTOR OR YOUR POISON CONTROL CENTE

R.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE. PRODUCT IS AN INHERENT RETARDANT.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE FUMES OF BORON OXIDE.

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL, ABSORB, SWEEP-UP. REMOVE TO CHEMICAL SEWER. FLUSH AREA TO CHEMICAL SEWER.

===== Handling and Storage =====

Handling and Storage Precautions:STORAGE-KEEP MATERIAL UNDER AMBIENT CONDITIONS.

Other Precautions:NO FOOD OR SMOKING IN WORK AREAS. WASH THOROUGHLY AFTER HANDLING.REMOVE AND PROFESSIONALLY WASH CONTAMINATED CLOTHING BEFORE RE-USE.

===== Exposure C

ontrols/Personal Protection =====

Respiratory Protection:IF THE WORK STATION IS NOT PROPERLY VENTILATED TO EXHAUST ALL FUMES, VAPORS AND DUSTS, USE A NIOSH APPROVED MASK.

Ventilation:MAINTAIN AIR FLOW AWAY FROM USER TO REMOVE ALL FUMES, VAPORS AND DUSTS, SO THAT THE PEL IS NEVER EXCEEDED.

Protective Gloves:CHEMICAL AND OIL IMPERVIOUS

Eye Protection:CHEMICAL TIGHT SAFETY GOGGLES.

Other Protective Equipment:INSTALL EYE WASH STATION.DO NOT WEAR CONTACT LENSES.FULL PROTECTIVE E

QUIPMENT NORMALLY USED IN A BRAZE/WELDING OPERATION

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:1.712

Solubility in Water:MODERATE

Appearance and Odor:BLUE POWDER WITH NO CHARACTERISTIC ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACETIC ANHYDRIDE, ELEMENTAL POTASSIUM.

Stabilit

y Condition to Avoid:HIGH HEAT, OPEN FLAMES

Hazardous Decomposition Products:BORON OXIDE FUMES

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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